

FIG. 1

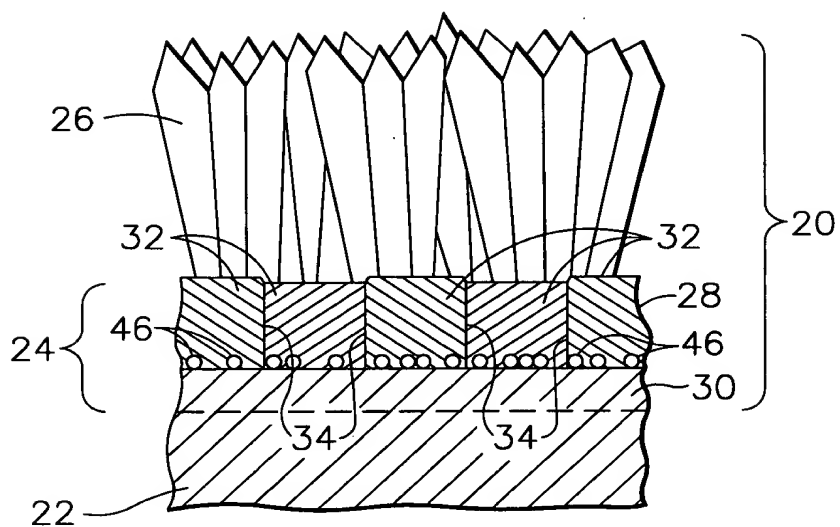


FIG. 2 (PRIOR ART)

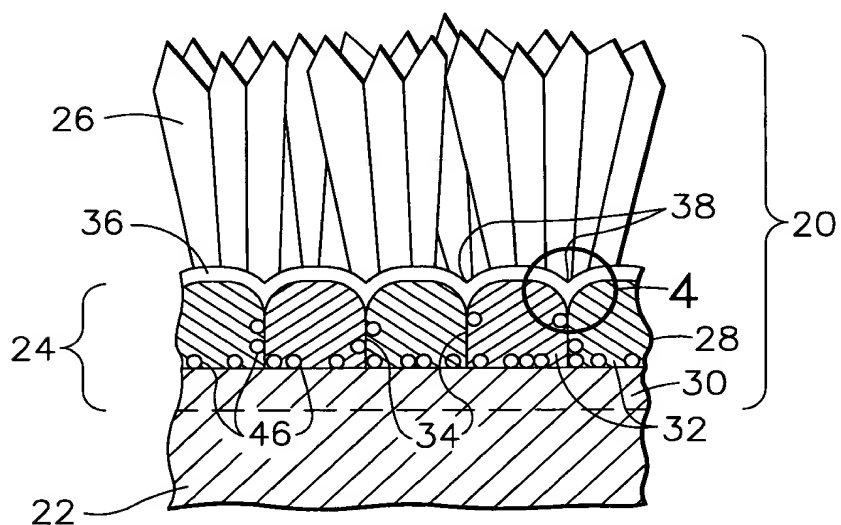


FIG. 3 (PRIOR ART)

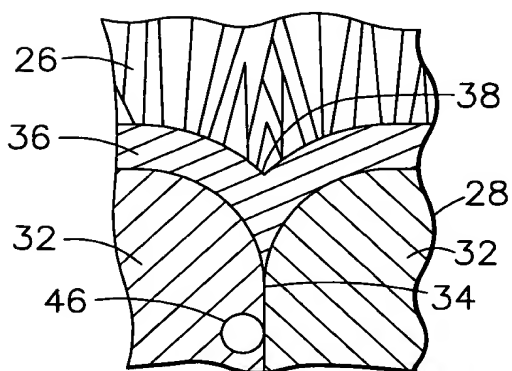


FIG. 4 (PRIOR ART)

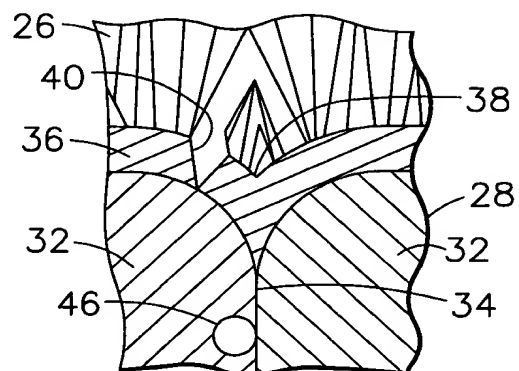


FIG. 5 (PRIOR ART)

A cross-sectional view of a multi-layered material assembly. The assembly consists of several layers. The top layer (20) features a series of vertical, pointed structures (26) that protrude upwards. Below this is a layer (24) containing a grid of circular features (32) and a central horizontal band (28). The bottom layer (22) is hatched and contains circular features (46). A bracket (24) groups the middle section, and another bracket (20) groups the top section.

A cross-sectional view of a multi-layered material. The top layer, labeled 20, consists of a series of vertical, elongated, and slightly curved elements, with one element labeled 26. Below this is a layer labeled 24, which has a hexagonal or honeycomb-like internal structure. The bottom layer, labeled 22, is filled with diagonal hatching. A dashed horizontal line within the hatched layer is labeled 30. The right side of the entire assembly is labeled 28. Two labels 48 point to the interfaces between the top layer 20 and the middle layer 24, and between the middle layer 24 and the bottom layer 22.

FIG. 7

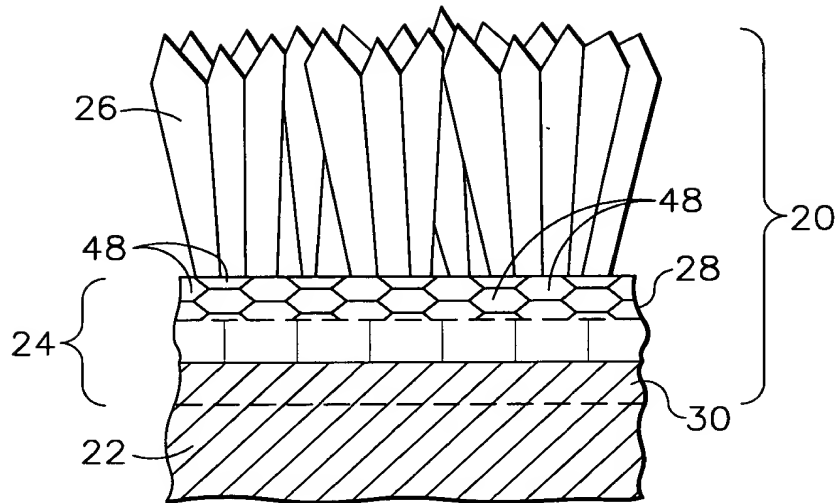


FIG. 8

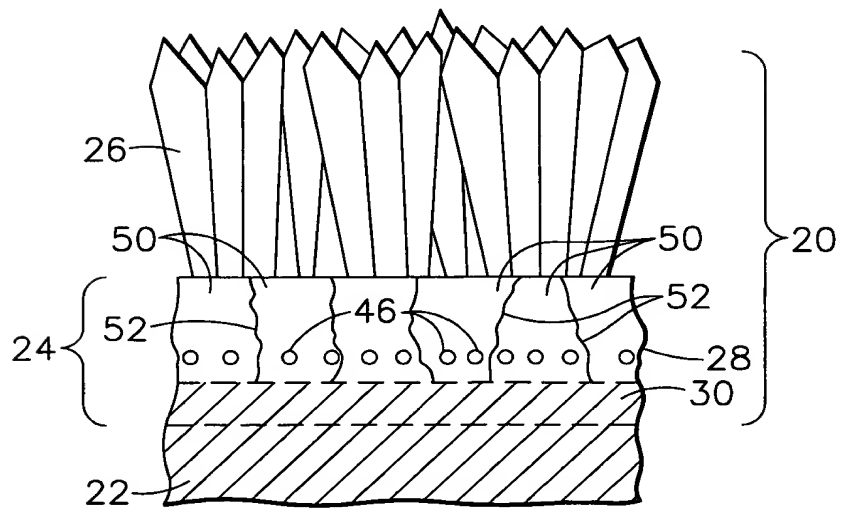


FIG. 9